

S390 Software

Product Upgrade for COBOL Compiler - Enterprise COBOL for z/OS R3.3

Date: 01/13/05

UPGRADE OF COBOL COMPILER

- From: IBM COBOL for OS/390 and VM Release 2.2
- To: Enterprise COBOL for z/OS Release 3.3
- IBM COBOL R2.2 Compiler is no longer supported
- Enterprise COBOL R3.3 Compiler is its functional replacement
- VS/COBOL R2.4 and COBOLII R1.4 remain unchanged – and unsupported

UPGRADE PRODUCTION MIGRATION DATE

- On **02/07/2005** Enterprise COBOL R3.3 Compiler will be migrated into production

UPGRADE INFO

- Upgrade should be transparent – as all IBM COBOL programs should be at ANSI85 Level
- Program source code at ANSI85 level – compiled with default option NOCMR2
 - Programs do not need to be recompiled for the upgrade
 - Future recompiles should not require source code changes
- Program source code at ANSI74 level – compiled with override option CMR2
 - Programs do not need to be recompiled for the upgrade – they will still run successfully
 - Future recompiles may require source code changes for upgrade to ANSI85 level
- Compile jcl requires no changes - production library remains the same: P.COBOL.SIGYCOMP

SOME NEW FEATURES

- XML support including a high-speed XML parser
- COBOL and Java interoperation by means of object-oriented syntax
- Integrated CICS Translator compiles CICS programs without separate translation step
- Please note that not all new features are currently configured or available

SOME CHANGES

- Enterprise COBOL compiles programs at ANSI85 level only
- New Reserved Words added
- Intrinsic functions MAX and MIN may now produce variable length results
- Obsolete Compiler options should be removed from jcl:
 - ANALYZE CMR2 EVENTS FLAGMIG IDLGEN TYPECHK WORD(NO00)

FOR MORE INFORMATION

- Read about changes and new features – especially in the COBOL Migration Guide
- Bookmanager manuals: COBOL33 Enterprise COBOL for z/OS V3R3
- IBM documents: <http://www-306.ibm.com/software/awdtools/cobol/zos/news/>

USER TESTING WINDOW

- Enterprise COBOL Compiler will be available to users in a temporary test library for 3 weeks
- On **01/17/2005** the library will be available for use in your jcl
- On **02/07/2005** the library will be deleted and must be removed from your jcl
- To use the test library change STEPLIB DD card in your compile jcl
 - From: P.COBOL.SIGYCOMP
 - To: P.COBOL.SIGYCOMP.NEW